te loss of PrPsc signal to undetectable levels. A diges
o undetectable levels by Western blot analysis. Time
reasing disintegration of PrPsc with a significant los

ion of this entirely biological system overcomes the
ally useful for decontamination of sensitive medical

e pathogenesis of
ncluding CJD in humans,
ep and goat (1). The stability
2) and against conventional
public health and
ical decontamination
4-5). These limitations
on as a potentially attractive
-7).

composition of biological
under mild digestion

with purified keratinase
l from farmyard waste and a
m. ME7 scrapie prion brain
BS, proteinase K (77 µg/ml

Results

Lanes

Fig. 1: Lane 1 is ME7 brain homogenate
homogenate digested with PK (77 µg/m
composition (EF+BS), Lane 4 and 5 are
of PrPsc signal was achieved with EF+B

Lanes 1